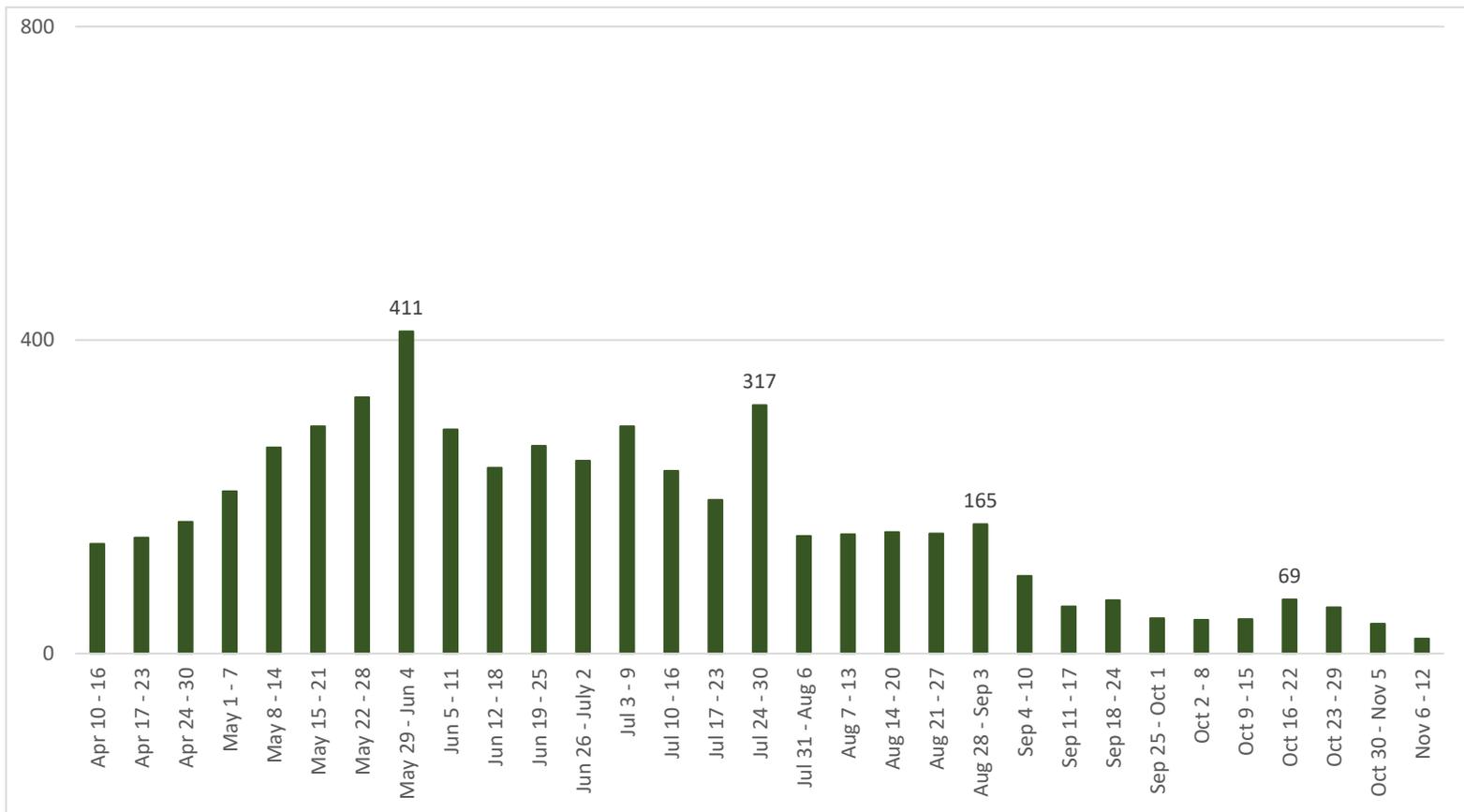


Coronavirus Disease 2019 (COVID-19)

COVID-19 Positive Healthcare Workers and First Responders Data, Los Angeles County, September 2022

Summary: As of 11/11/22, a total of 72,268 healthcare workers and first responders have been confirmed with COVID-19 in Los Angeles County—this is an additional 796 newly reported cases, as well as 289 older cases not previously included in this report and 59 new presumed reinfections. This report includes all healthcare workers and first responders who live and/or work in Los Angeles County. Cases have reported symptom onset dates starting in February 2020, with a decline mid-July until mid-September (Figure 1). Based on symptom onset, it appears there was a small decline in mid-December before reaching a peak in early January; however, weekly reported cases remained high until late January, signifying possible delays in testing (Figure 2) and/or reporting. Cases once more began to rise in early June 2021 and continued to increase until peaking in August. More recently, cases once more began to rise in late November 2021 and continued to increase until peaking at the start of 2022. Demographics show two-thirds of cases were women (64%), nearly half were between 30 and 49 years old (48%), and over half were of Hispanic, Latino, or Spanish origin (44%) (Table 1). Nurses (including RN, LVN, and CNA) also continue to account for the majority of overall (26%) and weekly cases (33%) (Table 2). There has been a total of 339 COVID-19 related deaths in healthcare workers/first responders. The majority were men (54%), between 50 and 64 years old (48%), Hispanic, Latino, or Spanish (47%), and had a known co-morbidity (79%) (Table 3). Nurses (24%) continue to account for the most deaths (Table 4). Since the beginning of the pandemic, there have been 4,546 presumed reinfections among healthcare workers and first responders in LA County. All data in this report was obtained from case interviews, death report forms, and/or emailed reports directly from facilities or from outside jurisdictions if the worker resides outside but works in LA County. Due to a shift in the interviewing process, there may be less reporting of HCW cases following April 2022.

Figure 1. Date of Symptom Onset by Week for COVID-19 Positive Healthcare Worker Cases and First Responders April 10, 2022 through November 12, 2022 ^{1,2}



¹ Data provisional and subject to change; cumulative until 11/11/22.

² Due to delays in testing and interviewing, July cases are likely still to be added.

Coronavirus Disease 2019 (COVID-19)

COVID-19 Positive Healthcare Workers and First Responders Data, Los Angeles County, September 2022

Table 1. Demographics of COVID-19 Positive Healthcare Workers and First Responders¹

Demographics	Newly Reported		Total Reported	
	Count	Percent	Count	Percent
Gender				
Female	351	44.1%	46266	64.0%
Male	114	14.3%	19631	27.2%
Other (Genderqueer, Transgender)	0	-	39	0.1%
Prefer Not to State	0	-	0	-
Not specified/Unknown ²	3	0.4%	476	0.7%
Blank ³	328	41.2%	5856	8.1%
Age				
Under 18	0	0.0%	44	0.1%
18 to 29	87	10.9%	17057	23.6%
30 to 49	262	32.9%	34939	48.3%
50 to 64	97	12.2%	15632	21.6%
65 to 79	29	3.6%	2588	3.6%
80 and Over	0	0.0%	52	0.1%
Missing DOB	321	40.3%	1956	2.7%
Race/Ethnicity				
Hispanic, Latino, or Spanish	195	24.5%	31761	43.9%
Asian	147	18.5%	10466	14.5%
White	51	6.4%	9096	12.6%
Black or African-American	47	5.9%	5431	7.5%
Native Hawaiian or Other Pacific Islander	6	0.8%	747	1.0%
American Indian or Alaska Native	1	0.1%	162	0.2%
Other	4	0.5%	1293	1.8%
Two or More Races	2	0.3%	1263	1.7%
Not specified/Unknown/Refused ²	3	0.4%	3082	4.3%
Blank ³	340	42.7%	8967	12.4%
Vaccination Status				
Primary series and additional/booster dose	165	20.7%	7879	10.9%
Primary series	49	6.2%	9194	12.7%
Partially Vaccinated	10	-	1374	1.9%
Unvaccinated	88	11.1%	43485	60.2%
Not specified/Unknown/Refused ²	18	2.3%	210	0.3%
Blank ³	466	58.5%	10126	14.0%

¹ Data provisional and subject to change; cumulative until 11/11/22.

² "Not specified" defined as interviewed cases who did not specify their gender or race/ethnicity.

³ "Blank" includes cases that were not interviewed and/or instances where information was not included in the report from the facility or outside jurisdiction.

Coronavirus Disease 2019 (COVID-19)

COVID-19 Positive Healthcare Workers and First Responders Data, Los Angeles County, September 2022

Table 2. Occupational Role of COVID-19 Positive Healthcare Workers and First Responders¹

Role	Newly Reported		Total Reported	
	Count	Percent	Count	Percent
Nurse	261	32.8%	18756	26.0%
Non-patient Facing Services	49	6.2%	3267	7.7%
Administration	48	6.0%	5282	4.5%
Patient Services	46	5.8%	3102	7.3%
Physician	28	3.5%	1479	5.0%
Environmental Services	26	3.3%	1869	2.0%
Surgical or Other Technician	17	2.1%	1481	2.6%
Pharmacist or Pharmacy Technician	17	2.1%	1128	2.0%
Radiology	17	2.1%	799	1.6%
Physical/Occupational/Speech Therapist	16	2.0%	1153	1.1%
Medical Assistant	15	1.9%	2820	1.6%
Food Services	15	1.9%	1682	3.9%
Laboratory	12	1.5%	886	2.3%
Caregiver	10	1.3%	4674	1.2%
Respiratory Therapist	9	1.1%	469	6.5%
Transporter	9	1.1%	298	0.6%
Activity Coordinator	8	1.0%	377	0.4%
Social Worker	6	0.8%	670	0.5%
Law Enforcement	5	0.6%	4203	0.9%
Mid-level Practitioner	5	0.6%	576	5.8%
Student/Volunteer	5	0.6%	374	0.8%
MD Resident	4	0.5%	267	0.5%
Psychiatrist/Therapist	3	0.4%	1827	0.4%
Maintenance	2	0.3%	508	2.5%
Phlebotomist	2	0.3%	431	0.7%
Security	2	0.3%	424	0.6%
Specialty Medicine	1	0.1%	380	0.6%
Infection Preventionist	1	0.1%	77	0.5%
Reception/Check In	0	-	1425	0.1%
Dentist/Orthodontist/Dental Assistant	0	-	1225	2.0%
EMT/Paramedic/Firefighter	0	-	1139	1.7%
Not specified ²	45	5.7%	3640	4.3%
Blank ³	112	14.1%	5580	1.6%

¹ Data provisional and subject to change; cumulative until 11/11/22.

² “Not specified” defined as interviewed cases who did not specify their occupational setting.

³ “Blank” includes cases that were not interviewed and/or instances where information was not included in the report from the facility or outside jurisdiction.

Coronavirus Disease 2019 (COVID-19)

COVID-19 Positive Healthcare Workers and First Responders Data, Los Angeles County, September 2022

Table 3. Demographics and Exposure of COVID-19-Related Healthcare Worker and First Responder Deaths^{1,2}

Demographics	Newly Reported		Total Reported	
	Count	Percent	Count	Percent
Gender				
Male	0	-	184	54.3%
Female	1	100.0%	155	45.7%
Age				
18 to 29	0	-	4	1.2%
30 to 49	0	-	67	19.8%
50 to 64	0	-	163	48.1%
65 to 79	1	100.0%	99	29.2%
80 and over	0	-	4	1.2%
Unknown/Under Investigation	0	-	2	0.6%
Race/Ethnicity				
Hispanic, Latino, or Spanish	0	-	158	46.6%
Asian	1	100.0%	88	26.0%
White	0	-	40	11.8%
Black or African-American	0	-	31	9.1%
Native Hawaiian or Other Pacific Islander	0	-	6	1.8%
Two or More Races	0	-	4	1.2%
American Indian or Alaska Native	0	-	1	0.3%
Other	0	-	4	1.2%
Unknown/Under Investigation	0	-	7	2.1%
Co-Morbidities				
Yes	1	100.0%	266	78.5%
None Reported	0	-	49	14.5%
Unknown/Under Investigation	0	-	24	7.1%
Exposure				
Healthcare	0	-	67	19.8%
Family or Community	0	-	12	3.5%
Unknown ³	1	100.0%	260	76.7%

¹ Data provisional and subject to change; cumulative until 11/11/22.

² Includes 11 who reside outside of LAC DPH jurisdiction.

³ Exposure information is most often obtained during case interview; therefore, exposure is unknown if not interviewed or specified in hospital notes.

Coronavirus Disease 2019 (COVID-19)

COVID-19 Positive Healthcare Workers and First Responders Data, Los Angeles County, September 2022

Table 4. Occupational Role of COVID-19-Related Healthcare Worker and First Responder Deaths^{1,2}

Occupational Role	Newly Reported		Total Reported	
	Count	Percent	Count	Percent
Administration	1	100.0%	38	11.2%
Nurse	0	-	80	23.6%
Caregiver	0	-	33	9.7%
Law Enforcement	0	-	19	5.6%
Environmental Services	0	-	16	4.7%
Food Services	0	-	13	3.8%
Non-patient Facing Services	0	-	10	2.9%
Physician	0	-	10	2.9%
Dentist/Dental Assistant	0	-	6	1.8%
Security	0	-	5	1.5%
Social Worker	0	-	5	1.5%
Lab Technician	0	-	4	1.2%
Maintenance	0	-	4	1.2%
Psychiatrist/Therapist	0	-	4	1.2%
Medical Assistant	0	-	3	0.9%
Patient Services	0	-	3	0.9%
Activity Coordinator	0	-	2	0.6%
Firefighter/Paramedic	0	-	2	0.6%
IT	0	-	2	0.6%
Medical Equipment	0	-	2	0.6%
Pharmacist	0	-	2	0.6%
Phlebotomist	0	-	2	0.6%
Physical Therapist	0	-	2	0.6%
Radiology	0	-	2	0.6%
Respiratory Therapist	0	-	2	0.6%
Surgical Technician	0	-	2	0.6%
Chiropractor	0	-	1	0.3%
Nurse Practitioner	0	-	1	0.3%
Ophthalmologist	0	-	1	0.3%
Optician	0	-	1	0.3%
Physician Assistant	0	-	1	0.3%
Speech Therapist	0	-	1	0.3%
Unknown/Under Investigation	0	-	60	17.7%

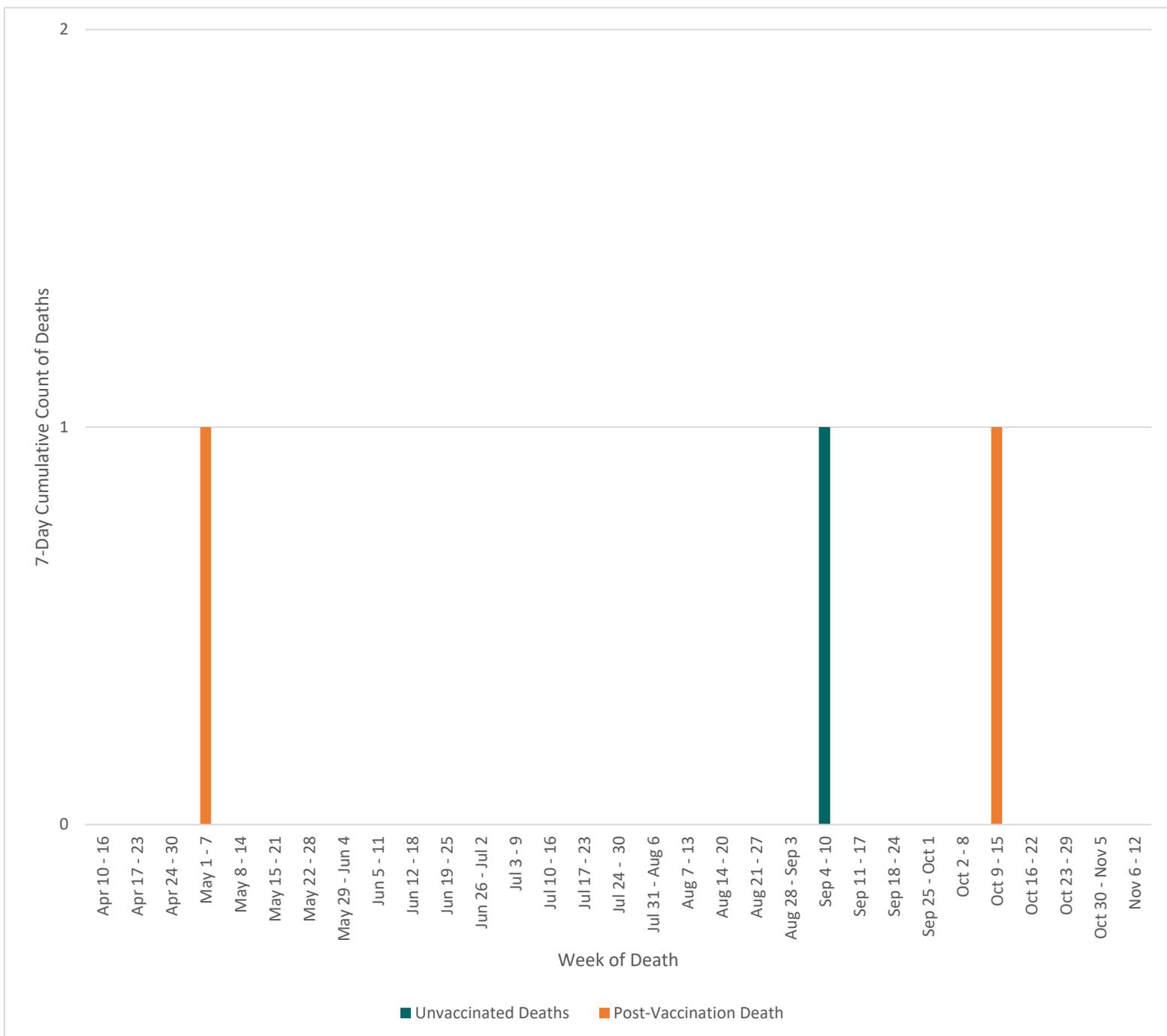
¹ Data provisional and subject to change; cumulative until 11/11/22.

² Includes 11 who reside outside of LAC DPH jurisdiction.

Coronavirus Disease 2019 (COVID-19)

COVID-19 Positive Healthcare Workers and First Responders Data, Los Angeles County, September 2022

Figure 2. Weekly Count of Deaths by Vaccination Status for COVID-19 Positive Healthcare Worker Cases and First Responders, April 10, 2022 to present^{1,2,3}



¹ Data provisional and subject to change; cumulative until 11/11/22.

² Vaccination status recorded in IRIS is confirmed against vaccination status in CAIR. Vaccinated individuals have a symptom onset date that is at least 14 days after the final vaccine dose.

³ Unvaccinated individuals have no record of vaccine status or reported as not vaccinated or are only partially vaccinated, at the time of their symptom onset date.